

Title (en)
IMAGE FORMING DEVICE

Title (de)
BILDERZEUGUNGSEINRICHTUNG

Title (fr)
DISPOSITIF DE FORMATION D'IMAGES

Publication
EP 1722393 A1 20061115 (EN)

Application
EP 05719655 A 20050228

Priority
• JP 2005003338 W 20050228
• JP 2004057924 A 20040302

Abstract (en)
On the peripheral edge of a front side substrate (11) of an FED, a rectangular frame shaped sealing surface (11a) is formed for sealing a sidewall. On the sealing surface (11a), an indium layer (32) is formed through a base layer (31). At the four corners of the indium layer (32), an electrode (34) for applying an electric current is connected. The indium layer (32) is formed to have a width gradually decreasing from substantially the center of each side of the sealing surface (11a) to adjacent corners.

IPC 8 full level
H01J 29/86 (2006.01); **H01J 31/12** (2006.01); **H01J 5/22** (2006.01)

CPC (source: EP KR US)
H01J 1/30 (2013.01 - KR); **H01J 5/22** (2013.01 - EP US); **H01J 29/86** (2013.01 - KR); **H01J 31/12** (2013.01 - KR);
H01J 31/123 (2013.01 - EP US); **H01J 2209/26** (2013.01 - EP US)

Citation (search report)
See references of WO 2005083739A1

Designated contracting state (EPC)
DE FR GB IT NL

DOCDB simple family (publication)
EP 1722393 A1 20061115; CN 1926656 A 20070307; JP 2005251475 A 20050915; KR 20060120266 A 20061124; TW 200537543 A 20051116;
TW I262527 B 20060921; US 2007108451 A1 20070517; WO 2005083739 A1 20050909

DOCDB simple family (application)
EP 05719655 A 20050228; CN 200580006538 A 20050228; JP 2004057924 A 20040302; JP 2005003338 W 20050228;
KR 20067017594 A 20060831; TW 94106314 A 20050302; US 50677706 A 20060821